



09/540,578

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PATENT  
Attorney Docket No. P06274US00  
PHI-1237

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENTEE: **WEHRMANN, Hartwig Josef Bernhard**  
PATENT NO: **6,815,592 B1**  
ISSUED: November 9, 2004  
TITLE: **INBRED MAIZE LINE PH3AV**

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO MISTAKE (37 CFR § 1.322(a))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: Decision and Certificate of Correction  
Branch of the Patent Issue Division

**Certificate  
DEC 29 2004  
of Correction**

Dear Sir:

Attached, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

The exact page and line number where the errors are shown correctly in the application file are:

=====

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this correspondence is, on the date shown below, being:

**MAILING**  
☒ deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**FACSIMILE**  
☐ transmitted by facsimile to the Patent and Trademark Office, Art Unit \_\_\_\_\_ at Fax No. (703) 872-\_\_\_\_\_.

Date:

12/21/2004

Lila A. T. Akrad  
Lila A. T. Akrad

- 4 JAN 2005

Page 2, lines 17 and 22 of the Supplemental Amendment After Final filed September 15, 2003; and  
Page 2, line 18; page 3, lines 16, 17, and 26; page 4, line 19, page 5, lines 3, 6, 17 and 22; page 6, lines 9, 10, 13, 14, 15, 16, 20, 24, 26 and 29; and page 7, line 1 of the Letter Accompanying Amendment After Allowance (37 C.F.R. § 1.312) dated December 19, 2003.

Please send the Certificate to: Lila A. T. Akrad, McKee, Voorhees & Sease, P.L.C., 801 Grand Avenue, Suite 3200, Des Moines, IA 50309-2721.

Respectfully submitted,



LILA A. T. AKRAD, Reg. No. 52,550  
McKEE, VOORHEES & SEASE, P.L.C.  
801 Grand Avenue, Suite 3200  
Des Moines, Iowa 50309-2721  
Phone No. (515) 288-3667  
Fax No. (515)-288-1338  
**CUSTOMER NO: 27142**  
Attorneys of Record

- bja -

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

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DATED : November 9, 2004

INVENTOR(S) : WEHRMANN, Hartwig Josef Bernhard

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 32, line 63:tions on the availability to the public of the deposited material from theCol. 33, line 2:et seq.). U.S. Plant Variety Protection of Inbred ~~Maize Line~~ Maize LineCol. 33, line 25:6. The tissue culture ~~produced from the plant~~ of claim 24,Column 33, line 50:consisting of: imidazolinone, ~~sulfonylurea~~ sulfonylurea, glyphosate,Column 33, line 51:glufosinate, L-phosphinothricin, ~~tiazine~~ triazine, and benzonitrile.Col. 33, line 58:~~comprises a transgene encoding~~ encodes a *Bacillus thuringiensis*Col. 34, line 9:levansucrase, alpha-amylase, invertase and starch ~~blanching~~ branchingCol. 34, line 22:(a) crossing PH3AV plants grown from PH3AV ~~seeds~~ seed.Col. 34, line 28:resistance, ~~insect resistance~~ insect resistance, disease resistance andCol. 34, line 45:determined at ~~[[a]]~~ the 5% significance level when grown in

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PATENT NO. 6,815,592 B1

Page 1 of 3

Lila A. T. Akrad, Reg., No. 52,550  
McKee, Voorhees & Sease, P.L.C.  
801 Grand Avenue, Suite 3200  
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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Col. 34, line 50:  
listed in Table 1 as determined at ~~[[a]]~~the 5% significance level

Col. 34, line 65:  
30. A method of ~~introducing modified~~modifying fatty acid

Col. 34, line 65:  
metabolism, ~~modified~~ phytic acid metabolism or ~~modified~~

Col. 34, line 66:  
carbohydrate metabolism ~~into~~in maize inbred line PH3AV

Col. 35, line 4:  
maize line that comprise a nucleic acid molecule encoding an enzyme

Col. 35, line 7:  
alpha-amylase, invertase ~~aid~~and starch branching enzyme~~[[:]]~~;

Col. 35, line 8:  
(b) selecting F1 progeny plants that have ~~modified fatty~~said nucleic acid molecule

Col. 35, line 9:  
~~acid metabolism, modified phytic acid metabolism or~~

Col. 35, line 10:  
~~modified carbohydrate metabolism~~ to produce selected

Col. 35, line 15:  
said nucleic acid molecule ~~modified fatty acid metabolism, modified phytic acid~~

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~~metabolism or modified carbohydrate metabolism~~ and

Col. 36, line 3:  
cross progeny plants that comprise ~~modified fatty acids~~ said nucleic acid molecule

Col. 36, line 4:  
~~metabolism, modified phytic acid metabolism or modi-~~

Col. 36, line 5:  
~~fied carbohydrate metabolism~~ and have all of the physiologi-

Col. 36, line 7:  
line PH3AV listed in Table 1 as determined at ~~[[a]]~~ the 5%

Col. 36, line 12:  
the plant ~~has modified fatty acid metabolism, modified~~ comprises the nucleic acid molecule

Col. 36, line 13:  
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Col. 36, line 14:  
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Column 33, line 50:  
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